

APPLICANTS: BARAK, Ilan et al.
SERIAL NO.: 09/579,528
FILED: May 26, 2000
ASSIGNEE: Intel Corporation
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REMARKS

Applicant has carefully studied the outstanding Office Action. The present response is intended to be fully responsive to all points of rejection raised by the Examiner and is believed to place the application in condition for allowance. Favorable reconsideration and allowance of the application is respectfully requested.

Allowable Subject Matter

Applicants note the allowance of claims 1 - 3, 5 - 14, and 19 - 36.

Status of the Claims

Claims 1 - 3 and 5 - 36 remain in the application. Claims 5, 6, 8, 9, 15 - 21, 27, 30 - 33 and 36 have been amended.

Voluntary Amendments to the Claims

Claim 6 has been amended to replace the word "the" by the word --said--.

Claims 6, 9, 16, 18, 27 and 30 - 32 have been amended to replace the phrase "operably coupled" by the word --coupled--.

Claims 5, 8, 19 - 21 and 32 have been amended to replace the phrase "said outphasing system with shunt reactance" by the phrase --said outphasing system--.

These voluntary claim amendments are editorial in nature, do not narrow the scope of the claims, and do not add new matter.

35 USC 112 Rejections

The Examiner has rejected claims 15 - 18 under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The Examiner has stated: "It is not clear how the amplitude of input to the amplifiers is modified using the shunt reactance. Figures show the shunt reactance coupled to the output of the amplifiers. As such, any changes to the shunt reactance will only affect the output of the amplifiers."

Claim 15 has been amended to replace the phrase "an outphasing system with shunt reactance" by the phrase --an outphasing system having shunt reactance--. This amendment to claim 15 clarifies that the shunt reactance is a feature of the outphasing system.

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Claim 15 as amended recites "modifying the amplitude of an input signal to an outphasing system having shunt reactance". Claim 15 as amended does not recite how the amplitude of the input signal is modified. The scope of claim 15 includes any and all methods of modifying the amplitude of the input signal.

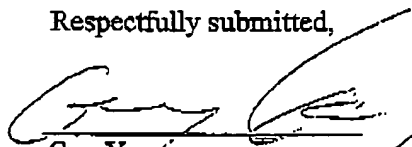
Similarly, claim 17 has been amended to replace the phrase "an outphasing system with shunt reactance" by the phrase —an outphasing system having shunt reactance—. This amendment to claim 17 clarifies that the shunt reactance is a feature of the outphasing system.

Claim 17 as amended recites "modifying the amplitude of input to at least one of two branch amplifiers of an outphasing system having shunt reactance". Claim 17 as amended does not recite how the amplitude of the input is modified. The scope of claim 17 includes any and all methods of modifying the amplitude of input to at least one of the two branch amplifiers.

In view of the preceding remarks, Applicants respectfully request that the rejection of claims 15 – 18 be withdrawn.

Should the Examiner have any question or comment as to the form, content or entry of this Response, the Examiner is requested to contact the undersigned at the telephone number below. Similarly, if there are any further issues yet to be resolved to advance the prosecution of this application to issue, the Examiner is requested to telephone the undersigned counsel.

Respectfully submitted,



Guy Yonay
Attorney for Applicant(s)
Registration No. 52,388

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Eitan, Pearl, Latzer & Cohen Zedek, LLP.
10 Rockefeller Plaza, Suite 1001
New York, New York 10020
Tel: (212) 632-3480
Fax: (212) 632-3489